



October 3, 2011

Illinois Environmental Protection Agency  
Reporting and Financial Assurance Unit  
Bureau of Land – #33  
P.O. Box 19276  
Springfield, Illinois 62794-9276

US EPA RECORDS CENTER REGION 5



469238

Re: 2018080001 – Winnebago County  
Winnebago Reclamation Service  
Northern and Southern Units  
Third Quarter 2011 Potential Observed Increases

Dear Correspondent:

In accordance with the applicable conditions of the permit, a groundwater monitoring review has been conducted on the third quarter 2011 monitoring results. Parameters indicating "observed increases" from the Southern and Northern Units are listed in Tables 1 and 2, respectively.

The sample results from each unit well network have been reviewed pursuant to Condition VIII.13 of Permit No. 1991-138-LF, Modification No. 50. Confirmation sampling will be completed in accordance with Condition VIII.14 of the above referenced permit.

If you have any questions or require further information, please contact Mr. Tom Hilbert at (815) 963-7516. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Teresa N. Sharp". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

Teresa N. Sharp  
Environmental Scientist

TNS:tns:slm

Enclosures

cc: Tom Hilbert – Rock River Environmental Services  
~~Bernie Schorle~~ – US EPA Region 5



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
SOLID WASTE REPORTING FORM

This form must be used as a cover for the following list of notices and reports required by the Illinois EPA's Bureau of Land, Permit Section. All reports must be submitted to the Illinois EPA's Bureau of Land Permit Section. This form must be used for Solid Waste facilities only. Reporting for Hazardous Waste facilities should be submitted on a separate Hazardous Waste Reporting Form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form may NOT be used for any request to modify the permit, sampling or operating procedures. Modification requests must be submitted separately in the form of a permit application.

This form is not to be used with permit applications. Your permit will state whether the document you are submitting is required as a report or an application.

Facility Name: Winnebago Landfill - Northern and Southern Units

Site ID#: 2018080001

Check one of the following, identifying the contents of your submittal:

- ☐ LPC-160 Forms
- |   |   |
|---|---|
| <input type="checkbox"/> Quarterly Groundwater Data | <input type="checkbox"/> Semi-Annual Groundwater Data |
| <input type="checkbox"/> Quarterly Leachate Data    | <input type="checkbox"/> Semi-Annual Leachate Data    |
| <input type="checkbox"/> Annual Groundwater Data    | <input type="checkbox"/> Biennial Groundwater Data    |
| <input type="checkbox"/> Annual Leachate Data       | <input type="checkbox"/> Biennial Leachate Data       |
- ☐ Annual Groundwater Flow Evaluation
- ☐ Well Survey Data
- ☐ Well Construction Forms and Boring Logs
- ☐ Well Abandonment Forms
- ☒ Notice of Observed Increase in Groundwater  
Notice of Intent to Perform Confirmation Procedures (Re-sampling) in Groundwater
- ☐ Notice of Confirmed Increase of Groundwater Exceedence from Re-sample
- ☐ Notice of Methane Exceedences
- ☐ Annual Facility Report (per 35 Ill. Adm. Code 813.504) and Gas Monitoring Report
- ☐ Annual Certifications per 35 Ill. Adm. Code 813.501
- ☐ Other (identify): Not to be used for Permit Applications

**Table 1**  
**Winnebago Landfill - South Unit**  
**Third Quarter 2011 Observed Exceedences**

<i>Parameter</i>	<i>Units</i>	<i>3rdQtr11</i>	<i>AGQS</i>	<i>Notes</i>
<b>G22D - Upgradient</b>				
# Chloride, Dissolved	mg/l	300	200	
<b>R22S - Upgradient</b>				
# Chromium, dissolved	ug/L	29	19	
# Specific Conductance (field)	umhos	3210	2029.99	
<b>R28D</b>				
# Arsenic, Dissolved	ug/l	8.1	3.801	

*Note:*

\*\* indicates exceedence has previously been addressed and approved as part of Application Log No. 2010-152 (Modification No. 46).

# indicates exceedence is currently being addressing in either pending Application Log No. 2010-152, 2010-373, or 2010-490.

**Table 2**  
**Winnebago Reclamation Service - North Unit**  
**Third Quarter 2011 Observed Exceedences**

<b>Parameter</b>	<b>Units</b>	<b>3rdQtr11</b>	<b>AGQS</b>	<b>Notes</b>
<b>G09M - Upgradient</b>				
# Chromium, dissolved	ug/L	16	12	
Specific Conductance (field)	umhos	2900	2386.55	
<b>G13D - Upgradient</b>				
# Sulfate, Dissolved	mg/l	300	119.5	
# Total Dissolved Solids, filtered	mg/l	1800	1755.8	
<b>G13S - Upgradient</b>				
# Sulfate, Dissolved	mg/l	190	119.5	
<b>G51S</b>				
# Chromium, dissolved	ug/l	34	12	
Specific Conductance (field)	umhos	3730	2386.55	
# Total Dissolved Solids, filtered	mg/l	2600	1755.8	
<b>G52S</b>				
Chromium, dissolved	ug/L	22	12	
Lead, Dissolved	ug/L	24	4	

\*\* indicates exceedence has previously been addressed and approved as part of Application Log No. 2010-152 (Modification No. 46).

# indicates exceedence is currently being addressed in either pending Application Log No. 2010-373, 2010-490, 2011-004, or 2011-118.